

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 January 2006 (12.01.2006)

PCT

(10) International Publication Number
WO 2006/004300 A1

(51) International Patent Classification⁷: **H04B 7/26**

(21) International Application Number:
PCT/KR2005/000958

(22) International Filing Date: 31 March 2005 (31.03.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0021964 31 March 2004 (31.03.2004) KR
10-2004-0022947 2 April 2004 (02.04.2004) KR

(71) Applicant (for all designated States except US): SK
TELECOM CO., LTD. [KR/KR]; 99, Seorin-dong,
Jongno-gu, Seoul 110-110 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KIM, Young-Lak
[KR/KR]; 104-1306, Sinil Apt, Eonnam-r, Guseong-eup,
Yongin-si, Gyeonggi-do 449-943 (KR). SHIN, Sung-Ho
[KR/KR]; 103-2501, Taeyeong Apt., Daheung-dong,

Mapo-gu, Seoul 121-764 (KR). IHM, Jong-Tae [KR/KR];
304-502, Dongshin Apt., Imae-dong, Bundang-gu, Seong-
nam-si, Gyeonggi-do 463-797 (KR).

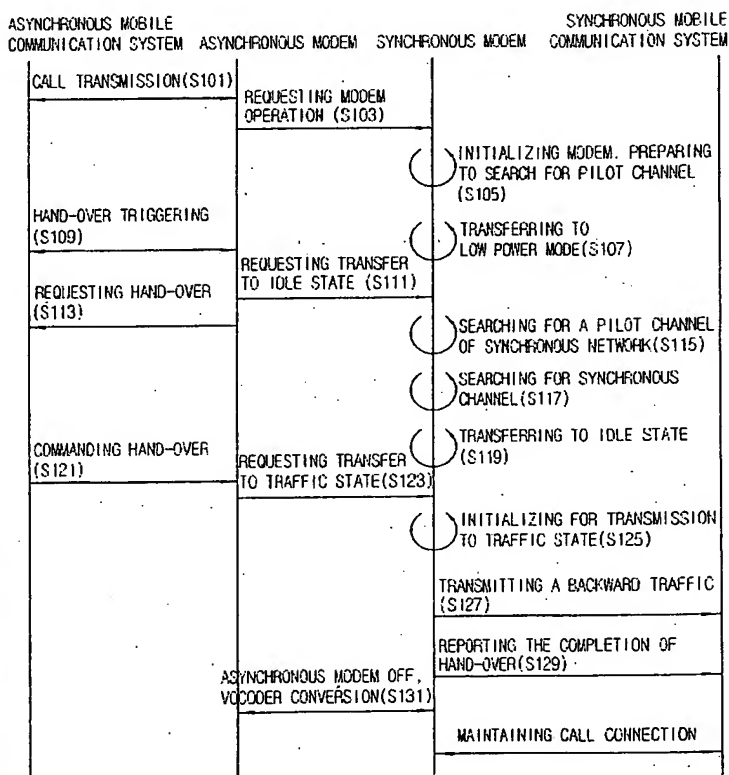
(74) Agent: NAM, Sang-Sun; 9th Fl., Maekyung Media Cen-
ter, 30, 1-ga, Pil-dong, Jung-gu, Seoul 100-728 (KR).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: A METHOD FOR HAND-OVER BETWEEN ASYNCHRONOUS COMMUNICATION NETWORK AND SYN-
CHRONOUS COMMUNICATION NETWORK OF MULTI MODE MULTI BAND MOBILE COMMUNICATION TERMINAL
AND MOBILE COMMUNICATION TERMINAL THEREFOR



(57) Abstract: Disclosed are a method for hand-over
between an asynchronous communication network
and a synchronous communication network of multi
mode. multi band mobile communication terminal
and mobile communication terminal therefor to
improve the hand-over connecting rate between
an asynchronous communication network and a
synchronous communication network in a mixed
mobile communication system of an asynchronous
network and a synchronous network.

WO 2006/004300 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.